This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

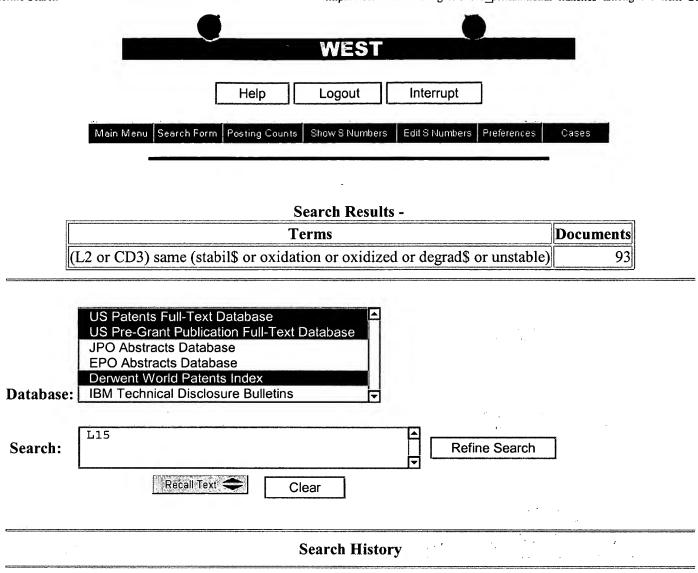
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



DATE: Monday, March 11, 2002 Printable Copy Create Case

Set Name		Hit Count	Set Name result set
DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR			
<u>L15</u>	(L2 or CD3) same (stabil\$ or oxidation or oxidized or degrad\$ or unstable)	93	<u>L15</u>
<u>L14</u>	(L2 or CD3) same (stabil\$ or oxidation or oxidized or degrad\$ or unstable)	93	<u>L14</u>
<u>L13</u>	L2 same (stabil\$ or oxidation or oxidized or degrad\$ or unstable)	19	<u>L13</u>
<u>L12</u>	L2 same (stabil\$ or oxid\$ or degrad\$ or unstable)	27	<u>L12</u>
<u>L11</u>	L2 same (stabil\$ or oxid\$ or degrad\$ or unstable)	27	<u>L11</u>
<u>L10</u>	L2 same (stabil\$ or oxid\$ or degrad\$ or unstable)	27	<u>L10</u>
<u>L9</u>	L2 same (stabil\$ or oxid\$ or degrad\$ or unstable)	27	<u>L9</u>
<u>L8</u>	L7	4	<u>L8</u>
DB=USPT; $PLUR=YES$; $OP=OR$			
<u>L7</u>	L6 and H100A	4	<u>L7</u>
<u>L6</u>	L2 and (stabil\$ or oxid\$ or degrad\$ or unstable)	991	<u>L6</u>
<u>L5</u>	L2 and (stabil\$ or oxid\$ or degrad\$ or unstable)	991	<u>L5</u>
<u>L4</u>	L2 and (stabil\$ or oxid\$ or degrad\$ or unstable)	991	<u>L4</u>
. <u>L3</u>	L2 and (stabil\$ or oxid\$ or degrad\$ or unstable)	942	<u>L3</u>
<u>L2</u>	OKT3 or anti-CD3 or OKT??3	1351	<u>L2</u>
<u>L1</u>	(OKT3 or anti-CD3) and (stabil\$ or oxidat\$ or degrad\$ or unstable)	921	<u>L1</u>

END OF SEARCH HISTORY

Wesner-Early, Caryn (ASRC

From:

Hale, Mary

Sent:

Monday, March 11, 2002 10:28 AM

To:

Wesner-Early, Caryn (ASRC)

Cc:

Roark, Jessica

Subject:

FW: availability date of a reference

I will forward your request to Caryn (reference librarian). She will follow up with you.

Mary

----Original Message----

From:

Roark, Jessica

Sent:

Monday, March 11, 2002 10:26 AM

Т:

Hale, Mary

Subject:

availability date of a reference

I know Stephanie Publicker used to take care of these types of questions, but since she's gone I don't know who to ask, so I'm hopeful that you do

Applicant has indicated that they believe the reference below was not available until June of 1997, even though the cover date is April.

Can we please find out if this was released prior to May 23, 1997?

The reference is

Kipriyanov et al. Protein Engineering vol 10, no 4 pp. 445-453, 1997.

Thanks so much!

Jessica H. Roark

CM1 9D04 Mailbox 9E12 Art Unit 1644 703 605-1209 P 248.P77

June 19

Jun

Raffed sperg r, Linda

6204556

MAR 1 2 RECO MAN

PAT. & T.M. OFFICE

From: Sent: To:

Wesner-Early, Caryn (ASRC) Monday, March 11, 2002 12:24 PM

Raffensperger, Linda Roark, Jessica; Hale, Mary

FW: availability date of a reference

Linda -

Cc: Subject:

This is from Oxford Univ. Press, which charges \$150 for mail dates. According to NLM's catalog, they're supposed to have it - would you please get a copy of the cover with date stamp for me? Thank you very much!

Caryn

Kipriyanov et al. Protein Engineering vol 10, no 4 pp. 445-453, 1997

-----Original Message-

From:

Hale, Mary

Sent:

Monday, March 11, 2002 10:28 AM

To: Cc:

Wesner-Early, Caryn (ASRC) Roark, Jessica

Subject:

FW: availability date of a reference

Scientific and Technical I will forward your request to Caryn (reference librarian). She will follow up with you. Information Center

Mary

-----Original Message-

Fr m: Sent:

Roark, Jessica

Monday, March 11, 2002 10:26 AM

To:

Hale, Mary

Subject:

availability date of a reference

I know Stephanie Publicker used to take care of these types of questions, but since she's gone I don't know who to ask, so I'm hopeful that you do

Applicant has indicated that they believe the reference below was not available until June of 1997, even though the cover date is April.

Can we please find out if this was released prior to May 23, 1997?

The reference is

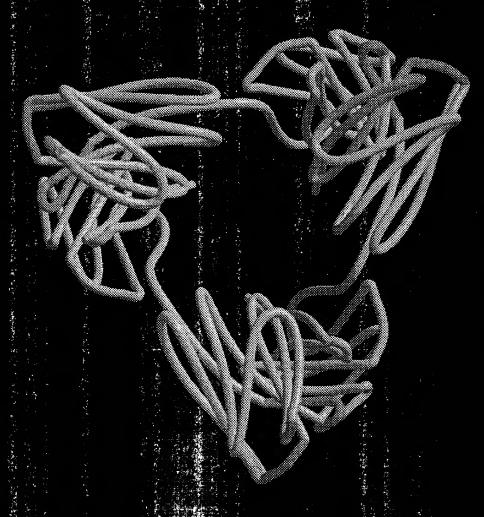
Kipriyanov et al. Protein Engineering vol 10, no 4 pp. 445-453, 1997.

Thanks so much!

Jessica H. Roark

CM1 9D04 Mailbox 9E12 Art Unit 1644 703 605-1209

Volume 10 number 4 April 1997



zerojnker single chain antibogges form trabates



PROTEIN Forum editor P.Argos ENGINEERING

Cover design

A model of the scFv trimer (triabody). Three VH-VL molecules associate to form three active antigen combining sites, depicted with yellow VL CDR loops and blue VH CDR loops. For further details, see Kortt et al., pages 423-433.

Published by Oxford University Press Oxford, UK

OXFORD UNIVERSITY **PRESS**

Executive editors

A.R.Rees

School of Biology and Biochemistry, University of Bath, Bath, UK G.A.Petsko Rosenstiel Center, Brandeis University, Waltham, MA, USA

Associate editors

C.Craik

Department of Pharmaceutical Chemistry and Biochemistry/ Biophysics, University of California, San Francisco, CA, USA T.Imoto

Faculty of Pharmaceutical Sciences, Kyushu University, Fukuoka,

Biomolecular Engineering Research Institute, Osaka, Japan

Russian Academy of Sciences, Pushchino, Russia

EMBL, Heidelberg, Germany

Editorial board

T.Alber, University of California, Berkeley, CA, USA

F.Arnold, California Institute of Technology, Pasadena, CA, USA

T.Beppu, University of Tokyo, Tokyo, Japan

T.L. Blundell, Birkbeck College, London, UK

M.Caruthers, University of Colorado, Boulder, CO, USA

C.Chothia, MRC, Cambridge, UK

G.M.Clore, NIH, Bethesda, MD, USA

F.E.Cohen, University of California, San Francisco, CA, USA

W.F.DeGrado, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

K.Dill, UCSF, San Francisco, CA, USA

A.R.Fersht, University of Cambridge, Cambridge, UK

A.Fontana, CRIBI, Biotechnology Centre, Padua, Italy

J.Gerlt, University of Maryland, College Park, MD, USA

B.Gutte, Biochemisches Institut der Universität Zürich, Zürich, Switzerland

M.Ikehara, Protein Engineering Research Institute, Osaka, Japan M.Karplus, Harvard University, Cambridge, MA, USA

S.B.H.Kent, The Scripps Research Institute, La Jolla, CA, USA

Y.Kyogoku, Osaka University, Osaka, Japan

B.Matthews, University of Oregon, Eugene, OR, USA

C.R.Matthews, Pennsylvania State University, Pennsylvania, PA,

R.E.Offord, Centre Medicale Universitaire, Geneva, Switzerland

S.B.Petersen, SINTEF UNIMED, Trondheim, Norway

R.T.Sauer, MIT, Cambridge, MA, USA

J.Schlessinger, NYU, New York, USA

J.Shi, Chinese Biochemical Society, Shanghai, China

G.P.Smith, College of Arts and Science, Columbia, MI, USA

M.Smith, University of British Columbia, Vancouver, Canada

D.Söll, Yale University, New Haven, CT, USA

M.J.E.Sternberg, Imperial Cancer Research Fund, London, UK

R.Stroud, University of California, San Francisco, CA, USA

J. Taylor, Rutgers University, Piscataway, NJ, USA

J.M. Thornton, University College, London, UK

J.E. Villafranca, Agouron Pharmaceuticals, San Diego, CA, USA

J. Wells, Genentech Inc., San Francisco, CA, USA

R. Wetzel, 1732 Hamilton Drive, Phoenixville, PA, USA

G. Winter, MRC, Cambridge, UK

M.Zoller, Ariad Pharmaceuticals, Cambridge, MA, USA

Production editor

Wendy Neale, Oxford University Press

A m and antin

ORIG An a struc

Sequi foldig

1*0

within

Asses test: protei

Predic princi

Predict on the stabilit

Protein and ato

Сотра differen

Compu VEGF

Aspara a key re kinetic catalytic

The role new tar

Significa cadmiun

Analysis receptor sector